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FIRST NAMED INVENTOR  
Thomas M. DiMauroFILING DATE  
July 30, 2003EXAMINER  
Shulamith H. ShaferCONFIRMATION NO.  
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(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAM- INER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
/SHS/	A45	2002/0082697 A1	06-27-2002	Damien
↓	A46	2004/0022864 A1	02-05-2004	Freyman <i>et al.</i>
↓	A47	2004/0126372 A1	07-01-2004	Banerjee <i>et al.</i>

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
/SHS/	B21	WO 2005/110276 A1	Massachusetts General Hospital	
↓	B22	WO 2005/000283 A2	DePuy Spine, Inc.	
↓	B23	WO 2006/031376 A2	DePuy Spine, Inc.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/SHS/	C116	Hawks, D., "Alternative Medicine: Musculoskeletal System," <i>Clin. Tech. Small Anim. Pract.</i> , 17(1):41-49 (2002).
↓	C117	Khot, A. <i>et al.</i> , "The Use of Intradiscal Steroid Therapy for Lumbar Spinal Discogenic Pain - A Randomized Controlled Trial," <i>Spine</i> , 29(8):833-837 (2004).
↓	C118	Földes, I. <i>et al.</i> , "Trace Elements in Tissues of Normal and Vitamin D <sub>2</sub> -Treated Rats," <i>ACTA Biol. Acad. Sci. Hung.</i> , 26(3-4):141-150 (1975).
↓	C119	CN 1 647 808 A (Zhou C) 2005-08-03 (abstract) World Patents Index [online]. London, GB: Derwent Publications, Ltd., Week 200621, Class B04, Accession No. 2006-194507.
↓	C120	CN 1 569 039 A (Niu X) 2005-01-26 (abstract) World Patents Index [online]. London, GB: Derwent Publications, Ltd., Week 200577, Class B04, Accession No. 2005-749289.
↓	C121	Tracey, K.J. and Cerami, A., "Tumor Necrosis Factor in Metabolism of Disease: Hormonal Actions Versus Local Tissue Effects," <i>Nouv. Rev. Fr. Hematol.</i> , 34 Suppl:S37-42 (1992) (abstract).
↓	C122	Crevensten, G. <i>et al.</i> , "Intervertebral Disc Cell Therapy for Regeneration: Mesenchymal Stem Cell Implantation in Rat Intervertebral Discs," <i>Ann. Biomed. Eng.</i> , 32(3):430-434 (2004).

EXAMINER

/Shulamith Shafer/

DATE CONSIDERED

02/21/2008